THE TECH

VOL. XXIX. NO. 117. BOSTON, MASS., THURSDAY, MARCH 17, 1910 PRICE ONE CENT

MOCK FACULTY MEETING WINS FAVOR

Biological Society Entertain Prof. Sedgwick, Give Him Field Glasses

The Biological Society dinner, held last evening in the Hotel Plaza, in honor of Prof. Sedgwick, head of the Biological Department at the Institute, and who is to depart for a Eurpoean tour next Saturday, proved to be a tremendous success. The various committees organized to conduct the affairs pertaining to the occasion, performed their duties to perfection.

Large Tech banners, supplemented by smaller pennants representing other colleges, adorned the four walls of the hall. The noise committee presented to the participants a mock faculty meeting, composed of impersonated professors. The men represented the different professors as follows: Professor Cross was impersonated by Palmer; Prof. Phelps by Jenkins; Prof. Lanza by Ireland; Prof. Sedgwick by Malcom; Prof. Noyes by O'Neil; Prof. Prescott by Wells; Prof. Talbot by Arnolt; Prof. Drisko by Howe; Pres. Maclaurin by Hilliard; and a chemical blonde, who attracted the ardent attention of Prof. Cross, by Maglott. The role was an excellent one and afforded much mirth to the audience. They were aided in their demonstrations by the Seem Funny Orchestra, composed of members of the society, who furnished the music throughout the evening.

Dr. Maclaurin spoke to the gathering upon the meaning of the formula Tb, which, he expressed, represented Biology as a real power in Technology. Pres. Maclaurin assimilated Prof. Sedgwick to the son of noted geologist of the same name in the University of Cambridge. Both are eminent biologists and both possess great power of expression. Prof. Sedgwick's power, however, being preferable to that of the English biologist, since it involves no profanity.

Prof. Talbot, head of the chemistry department, divided humanity into two divisions, the sulphides and bromides. The bromides, which predomniate, do things by convention, while the sulphides, being more energetics in their behavior, possess the trait of originnality, a thing necessary in the cultivation of a scientist.

Prof. Dwight Porter, of the sanitary department, related many reminiscences of former years when he and Prof. Sedgwick chummed together.

A pair of field glasses was presented to Prof. Sedgwick, in behalf of the Geological Society by Mr. J. Scott MacNutt, which were greatly appreciated by him. The professor claimed the success of his department due to the staff of instructors assisting him. He announced the resignation of Prof. Winslow, who is to accept a position in a New York technical school. Mr. Gun, his successor, addressed for a few moments his colleagues, and the gathering adjourned singing "Old Lang Syne."

At Tufts College, the faculty announce at the beginning of each term the schedule of examinations for the different subjects held at intervals of a month or so through the year. Such a system keeps the student in close touch with his work and enables a more careful review.

During an examination given recently at the University of Missouri, the professor in charge passed around cigars and allowed the students to answer the questions at leisure.

"COOPER MOON" MAKES BIG HIT AT CONCERT

Musical Clubs Enthusiastically Received At Girls High School

The new song, "The Copper Moon," as sung by the Technology Glee Club at the concert before the Girls' High School Alumni Association, made a decided hit last night. The audience, composed of graduate students of the high school, applauded again and again, and as an encore, the boys sang "The Bill of Fare." In addition, "Do'an You Cry, Ma Honey," was enthusiastically received, as was also "Hoop-e-Kak," played by the Mandolin Club.

The concert which was given by the combined clubs of the Institute, followed the business meeting of the Alumni Association of Girls' High School, and was very well received. After the conclusion of the concert, refreshments were served, and the audience, including the Glee Club men, enjoyed dancing.

Miss Gertrude Wynn, who is Corresponding Secretary of the Alumni Association, was responsible for the very pleasant time enjoyed by the Tech men, and to her all thanks are due.

PROF. RICHARDS BACK

Has Unique Experience In Iron Mine In New York State

Professor Robtrt H. Richards of the Mining Department, has just returned from a flying trip to New York. Leaving Boston Sunday on the Midnight Special, he reached the Big City early Monday morning, and took a Harlem train to the iron mine which he proposed to visit. Here he spent the entire day inspecting the deserted workings, both underground and on the surface.

A thousand feet along the main tunnel, which is a horizontal one with a bend, he found several bats clinging to the roof of the rooms which extend for ten or twenty feet. This is the first time in his long experience that he has encountered such a phenomenon. His explanation is that the bats came down this thousand feet of darkness, seeking a shelter for the winter.

Monday evening he returned to New York, where he stopped at the Technology Club. He found this most attractive in every way. Its members had not been notified of his coming, so he found very few to greet him, but was received enthusiastically by those present. He took the night train for Boston, and reached home early Tuesday morning.

Prof. Richards is planning to take another business trip toward the last of this month.

WASHINGTON, D. C.

Washington, March 17.—The closing arguments in the contest over the dissolution of the "Standard Oil" were made yesterday afternoon in the supreme court of the United States. By 4.30 o'clock the case was before the high tribunal for final decision. Many persons believe that the decision will not be announced earlier than the first of May.

Syracuse is building a $30,000 gymnasium.

GREATEST R. R. TERMINAL OF THE WORLD DESCRIBED

Mr. Joseph O'Brien Gives Very Interesting Lecture Before C. E. Society

With an attendance of nearly two hundred and fifty, the Civil Engineering Society held a very interesting and successful meeting yesterday afternoon. Mr. Joseph H. O'Brien, resident engineer for the contractors, Westinghouse, Church, Kerr & Co., was the speaker; his subject bing the new Pennsylvania Railroad terminal in New York City.

Mr. O'Brien began his talk with a description of the general layout of the station and tracks. Two singie track tubes connect the terminal with New Jersey, while four pass under the East River to Long Island, where extensive yards are located. In the station proper there are twenty-one parallel tracks, and they are located at this point about forty-five feet below the street level and ten feet below mean high water in the river. Platforms are provided at about the level of the car floors—this being the first instance of such elevated platforms at a terminal station. Connecting these platforms with the bag gage rooms are numerous tunnels of concrete.

Heavy electric locomotives of 4000 H. P. will be used between Long Island and Harrison, N. J., the two ends of the tunnels, and consequently one hundred pound rails are used with manganese steel frogs. Part of the ballast used is the ordinary crushed stone and part concrete.

One of the most difficult problems in the whole construction was the building of viaducts too, for the streets under which the tracks pass. This was particularly true of Ninth Avenue, which has both surface and elevated tracks,

(Continued on page 3.)

"GET THE HOOK"

Talent Secured For Friday Night Entertainment

"Hook Night" promises to be the best show at the Union this season Gorton James, chairman of the entertainment committee, has a good bill in preparation. The best talent in the Institue has responded to the call, and several "successes of the century" are assured.

Much more material is desired, however. The few acts already filed, no matter how good, cannot make a whole show. The management feels sure that many candidates will report at the last minte, as was the case last year. That is all right for the show, but it keeps the committee in a state of unrest for fear they will not have a large enough bill. Last year the committee had decided by Friday night that hook night was a failure, when a bunch of fellows turned up with their stunts, and made the show the best of the year.

Those who intend to enter should notify Gorton James or Dwight Wyman through the Cage.

Refreshments will be served after the show for one dime.

Dwight Wyman 1912, a member of the entertainment committee, has been appointed chairman to succeed Gorton James. He will have charge of the Union night hereafter.

ACTIVE MEETING OF INSTITUTE COMMITTEE

Technique Electoral Committee To Be Given No Point Rating

At the meeting of the Institute Committee yesterday, the question of the poin system was again brought up. About half of the men on the 1912 Technique Electoral Committee were over points. After considerable debate it was decided that the committee should not be rateu, as its duties were of a similar nature to those of the Senior Class Day Committee. A motion to this effect was made, and seconded and carried.

The question of the powers asked for by the Institute Committee from the different activities was then brought up. A number of the activities have granted the powers asked for. As the step taken by the Institute Committee has caused considerable discussion and as it is evident that a wrong interpretation of the plans of the committee is being made, it was resolved to draw up a second series of recommendations with full explanations of their meaning, and to make it plain that the committee does not desire to change things generally, but wishes to place Institute affairs on a firmer basis and to do this the committee must have the power necessary to any governing body,—that is, the power to make laws and enforce them.

Pres. Goodwin then reported for the committee appointed to look into the facts connected with the establishment here of an honorary society for seniors and graduates. It seemed to be the general opinion that such a society would do a vast amount of good for the Institute. Members of the faculty had been consulted and expressed their approval of the project. An objection was raised by one or two that such a society would cause men to devote unnecessary time to their school work in order to become eligible to the society, and thus the different activities would suffer.

A proposition was then made having for its object the bringing of the students and faculty into closer relations socially. It was decided to have something in the nature of a Faculty night at the Union, where the students and professors could intermingle and become better acquainted in a manner quite impossible in the class room. A committee was then appointed to carry out this resolution.

The resignation of Gorton James 1910 from the chairmanship of the Union Entertainment Committee was accepted and Dwight M. Wyman 1912, was appointed to fill his place, having been recommended by H. M. Davis 1911, chairman of the Union Committee.

The Brookline High School Club decided that it did not come under the rulings of the Institute Committee.

The engagement of Miss Alice Mills Beach of Springfield, Mass., to Mr. John Anderson Christie 1910, has been announced. Mr. Christie is at present an instructor in the Chemistry Department.

CALENDAR.

Thursday, March 17.

5:00—Sophomore cross country practice, Gym.

Penn. Club Dinner, Union.

Friday, March 18.

8:00—Union Entertainment.

Saturday, March 19.

2:00—Sophomore cross country practice, Gym.

2:30—Tech Show, Principals and Chorus.

THE TECH

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BOSTON, MASS., MARCH 17, 1910.

Are the relations between faculty and students just right? Have the two bodies interests in common when it comes down to the last analysis? Do they appreciate each other's standpoint?

To a greater and greater extent the two have been drifting along until now it is almost unreservedly true that the two only come together at classes. While it is true that this is the most important place for such relations, and while it is also true that we come here largely with the intention of getting the ability to comprehend the various forms of engineering or science, we also come for another purpose—to be molded into real men.

The class-room cannot alone accomplish this aim. Our teachers must be our leaders in the progress of society as a living problem, as well as our leaders in the interpretation of work of past and present engineers.

There is no way in which to go at this problem; it must come as the integration of the effects of many different methods. All of these have been tried in a haphazard fashion, but with no regular sequence or definite idea of development.

Many instructors have attempted this duty of suggestive inspiration by giving impromptu "sermons" whenever the spirit happened to move them sufficiently in the class-room. This method is good enough for a starter, but it is finished, over, and forgotten before it has really gotten under way.

It does but very little good for a speaker to get up and exhort to greater efforts a crowd of twenty-five or fifty whom he is but very slightly acquainted with. The result can only be accomplished by small groups of students gathered around one member of the faculty or instructing staff. This can be done at smokers and club rooms, but best of all, at gatherings in the homes of the instructors.

Now-a-days, the fellow who goes to a professors house does so with great dread, first because he does not feel in his proper plac, and second, because he has some sort of a hazy notion that he is doing someting that will be not well taken by those of his fellow students who may think he is gaining some unwarranted advantage.

A regular plan must be adopted to meet this situation. The ice should be broken by having a smoker, with possibly no speakers, as a regular Friday Evening Entertainment for students and instructors. The Institute Committee has taken up the suggestion on this matter and has already appointed a committee to look into the matter and see whether it is feasible or not. The idea of this affair should be to make it as informal as possible and to see that the instructors get together with a bunch of students whom they may be more or less acquainted with, and then to let both find that there is something they have in common outside of the mere class-room interests.

Still, this step should never be taken with an idea that it is an end in itself: it is merely a means of leting the faculty know that there is a real hankering on the part of the students to learn their personality. That is where the great difference comes between correspondence schools and Tech.

The next step is plainly up to the faculty. They must take it upon themselves to show the students that they are really wanted by not giving nice, indefinite invitations, but specific ones. These small groups should get together not once in the school year, but frequently. The first time just clears the ground, those following bring out both sides.

This small group idea is far from being a new one, but it is also far from being an idea that has been given the proper development. Those who have and are attempting to bridge the gap by this method may rest assured that their efforts are far from futile, but it must be a general custom to be really effective in developing men able to advance humant interests after they leave the Institute.

COMMUNICATION

Editors 'The Tech,"

Gentlemen:—In the issue of March 14th it was announced that there would be no more weekly dinners of T. C. A. It should have been stated that on account of T. C. A.'s observation of Holy Week there would be no dinners until March 30. Beginning with March 30 these dinners will be held as usual every Wednesday until further notice.

J. V. MASON, Graduate Sec'y.

GENERAL NEWS

TELEGRAPH NEWS OF THE MORNING.

WEATHER REPORT.

Forecast for Boston and vicinity—Fair and slightly warmer; light westerly winds.

Boston, March 17.—The Boston Society of Civil Engineers opened their sixty-second annual meeting at noon yesterday in the Boston City Club. The business session was attended by one hundred and fifty. The annual dinner was held at 2.30 o'clock.

Newport, R. I., Mrch 17.—Prof. Morris Hicky Morgan, long time professor of classical philology at Harvard University, died yesterday in Newport, R. I. He was recovering from an attack of pneumonia, and suffered a sudden ttack of heart failure.

Boston, March 17.—That the annual spring influx of returning tourists and immigrants is about to start is shown by the number of passengers now on their way from foreign ports to Boston, for on five trans-Atlantic liners from widely different ports and all destined to Boston, which will arrive here between March 17 and 24, are 3373 passengers.

Providence, March 17.—In the senate yesterday Rhode Island sent the woman suffrage bill into oblivion by a vote of 33 to 3. The bill provided the right of women to vote for President and Vice-President only.

Cincinnati, March 17.—Only by advancing wages can the coal mine operators of the country avert a strike of union miners April 1st, according to developments before the special convention of the United Mine Workers of America here, yesterday. The session was brief, but the leaders of the men intimated plainly that more money must be paid to the 300,000 workmen involved or no new wage agreement will be signed.

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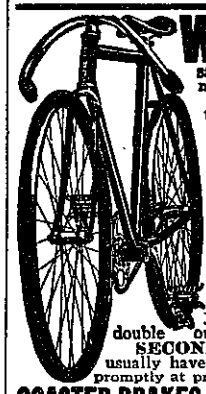

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PENN. STATION

(Continued from page 1.)

both of which had to be cared for while building the viaducts. To do this the outer thirds were constructed first, allowing use of the middle third for traffic, after which these were thrown open and the middle third built. One photograph was particularly interesting, showing the steel work, concrete, and paving of the viaduct being carried on feet of each other. The amount of streets thus bridged comprised eight acres and very heavy construction was necessary in all cases. The weight of steel work alone on the Ninth Avenue Viaduct aggregated 3520 tons.

The station building is quite a masterpiece from an architectural point of view, with its granite pillars and lunette windows, differing widely from the ordinary design of a station. The magnitude of the work is shown by the fact that 13,000 shop drawings were required for the steel and other work. The most striking part of the structure from both outside and in, as the main waiting room. This is three hundred feet long by one hundred wide, and nearly one rundred and fifty feet in height, standing far above the other portions of the building. This fact necessitated special designs of re-inforcement to stand the wind pressure. Besides this main waiting room there are two others, each equal in size to that of the Grand Central Station.

The lecture was well illustrated with a large number of lantern slides, and after the able description by Mr. O'Brien it was easily understood by those present why this is the greatest terminal in the world.

CHESS TEAM MATCH

Club Will Play Six Boards With Strong Team From Harvard

This evening at 7.30 o'clock the Chess Team will play the team from Harvard in the second match of the season. The match will be of six boards and will be played in Gray's Hall. Cambridge.

The Harvard team is a member of the "C. H.Y. P." League, comprising Columbia, Harvard, Yale, and Princeton, and this year they tied with Yale for the championship, having a particularly strong team.

In the match with Tech last year Harvard won by a score of 3 1-2 to 1-2 but as Tech has practically the same team this year, it is probable that a closer score will result.

The men composing the team will be as follows: S. M. Schmidt 1911 (Capt.), G. L. Mylchreest 1910, M. Kahn 1912, A. H. E. Kaufman 1911, M. A. Navarro

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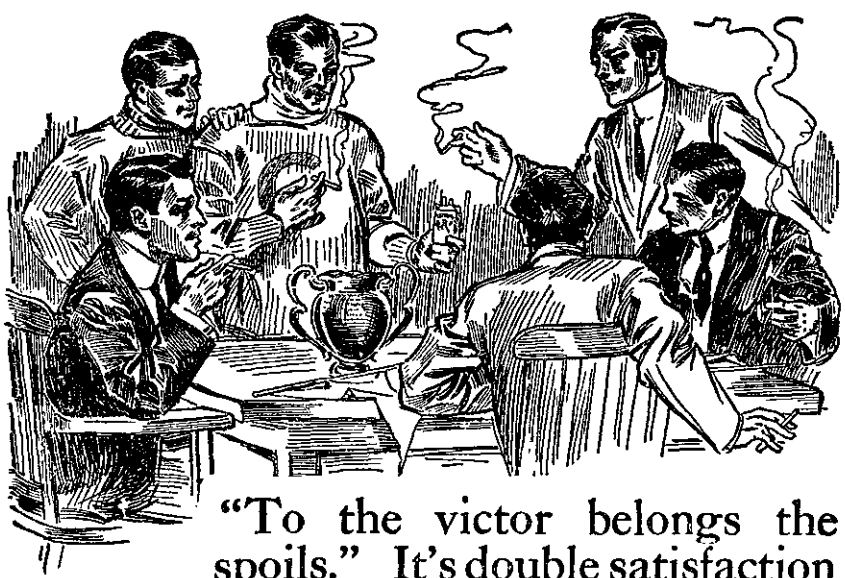

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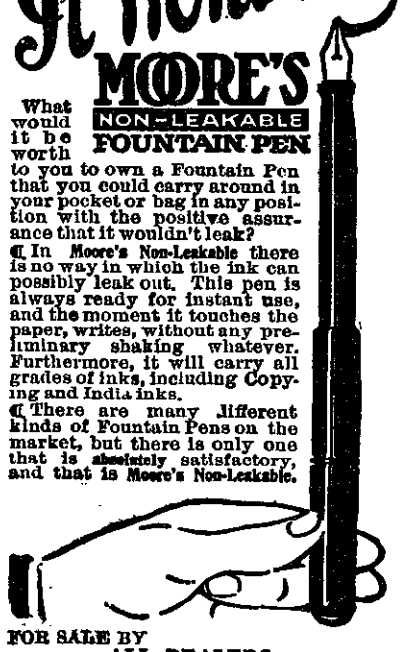

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Boston, March 17.—Mayor Fitzgerald and William S. McNary argued before the committee on Metropolitan affairs yesterday in favor of a tunnel from Park street, under Summer and Dewey square, to Dorchester.

Washington, March 17.—Tariff negotiations with France are proceeding almost continuously and the fact that some progress has been made leads the State Deparement officials to believe that a settlement ultimately will be reached. The opinion was expressed today that probably by the end of the present week the President might be in a position to issue his proclamation granting France the minimum rate of the Payne-Aldrich act.

NOTICES

1910.

Only those who have paid their dues in full by March 17, 1910, will have their names on the Senior Class Day Committee Ballot. Dues may be paid to E. Stuart, L. O. French, R. F. Goodwin, E. M. Potter D. Clapp or W. O'Hearn. The treasurer will be in the Union every day from 1.30 to 2.00 P. M.

1912.

Sophomore Cross-country candidatee report at Gym, Tuesdays, Thursdays, Saturdays, at 5 P. M., beginning Saturday, March 5.

LOST—In 20 A or 30 B, Saturday, March 5, at 11.00 A. M., a Slide Rule. Finder will please return to F. C. Taylor '11 at the Cage.

Dress suit in perfect condition for sale. Price $15.00. Will fit a man about five-foot-eight. Inquire R. H. F., The Tech.

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Lost in 53 Eng. A March 10, a notebook. Please leave at Cage for R. W. Bierer '11.

A beautiful mandolin for sale. $15.00 cash. Inquire G. M. K., The Tech.

All men having keys to lockers at the Field are requested to give their names and locker numbers to the care-taker since the list has been lost.

1912.

Sophomore baseball. The first regular practice will be held at the Field in Brookline this afternoon. Candidates should be there as soon after 3 o'clock as they can. Don't wait, but begin to get the kinks out of your arm with the rest of the fellows. Take any Brookline Village car and get off at Pond Avenue.

NOTICE.

Pennsylvania Club Dinner postponed to Thursday, March 24. Dr. Sharp of Brookline to speak.

Cross Country candidates report at Tech Field Monday, Tuesday and Thursday; Saturdays, take Hare and Hounds runs.

THE TECH.

The following men will please meet in the lower Tech office at 1.00 today: Tyler, Rankin, Busby, Swain, Caswell, Thompson.

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